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 TI - DEVICE FOR REPRODUCING DISK
 IN - MATSUMOTO MASAACKI; YAMAGUCHI SHINICHI; MITA KENJI
 PA - SANYO ELECTRIC CO; TOKYO SANYO ELECTRIC CO
 IC - G11B7/085 ; G11B7/095 ; G11B21/02

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 TI - DEVICE FOR REPRODUCING DISK
 AB - PURPOSE: To eliminate an unwanted vibration component incorporated in

drive displacement and to prevent the omission of the data due to out-of-track by connecting an optical pickup means and a driving means through a viscoelastic substance.

CONSTITUTION: By a notched part 10 formed on a rotary shaft 7 side of an optical pickup 3, the shaft 7 inserted into the pickup 3 is exposed. A rack plate 11 covering the notched part 10 is provided with an engage part engaging with the thread cutter grave of the shaft 7. By the way, the rack plate 11 is fixed to the pickup 3 through a silicon rubber 13. The fixation is performed by respectively applying adhesive material between the rack plate 11, the silicon rubber 13 and the pickup 3. When the shaft 7 is rotated by a stepping motor 8, the pickup 3 is moved in the radial direction of a disk through the engage part 12, the rack plate 11 and the silicon rubber 13. Thus, when the motor 8 is driven by one step, the vibration of the motor 8 is absorbed by the rubber 13.

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